

## EAST Search History

| Ref # | Hits  | Search Query                                       | DBs                                       | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| S1    | 42027 | (plastic or polymer) same (sphere or microsphere)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2007/07/30 15:53 |
| S2    | 5360  | iridescent   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2007/07/10 15:15 |
| S3    | 308   | S1 and S2  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2007/07/10 15:41 |
| S4    | 27    | rhopaque\$5  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2007/07/10 15:42 |
| S5    | 353   | ropaque\$5   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2007/07/10 15:42 |
| S6    | 76    | (S4 or S5) and (mica or S2)                        | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2007/07/27 15:39 |
| S7    | 23392 | (plastic or polymer or polymeric) same microsphere | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2007/07/10 16:15 |
| S8    | 224   | S2 and S7  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2007/07/10 17:07 |
| S9    | 160   | S8 and mica  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2007/07/10 16:17 |
| S10   | 23392 | nacre and S7                                       | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2007/07/10 17:07 |
| S11   | 226   | nacre and S7                                       | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2007/07/10 17:35 |
| S12   | 27    | supergold  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2007/07/10 17:37 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S13 | 3748  | titanium near3 oxide near3 mica                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/30 12:48 |
| S14 | 349   | S7 and S13   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/10 17:37 |
| S15 | 243   | S14 and (paper or cellulose or cellulosic)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/27 09:18 |
| S16 | 23392 | (plastic or polymer or polymeric) same microsphere | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/11 08:25 |
| S17 | 3748  | titanium near3 oxide near3 mica                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/11 08:25 |
| S18 | 349   | S16 and S17  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/11 08:25 |
| S19 | 243   | S18 and (paper or cellulose or cellulosic)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/25 08:19 |
| S20 | 75    | S19 and paper                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/11 08:28 |
| S21 | 1070  | S17 and paper                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/11 08:28 |
| S22 | 825   | S21 and (coat or coating or coated or layer)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/11 08:29 |
| S23 | 531   | S22 not cosmetic                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/27 11:12 |
| S24 | 23    | "5360657"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/11 09:14 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S25 | 29737 | (calender or calendered or calendering) and (paper or cellulose or cellulosic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/25 08:20 |
| S26 | 42217 | (plastic or polymer) same (sphere or microsphere)                              | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/25 08:20 |
| S27 | 836   | S26 and S25  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/25 08:20 |
| S28 | 21906 | high near3 gloss   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/25 08:21 |
| S29 | 86    | S27 and S28  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/25 08:38 |
| S30 | 41    | S29 and (transparent or translucent)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/25 08:38 |
| S31 | 5378  | iridescent   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/27 09:00 |
| S32 | 23543 | (plastic or polymer or polymeric) same microsphere                             | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/27 09:00 |
| S33 | 1780  | S32 and (mica or S31)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/27 09:00 |
| S34 | 1605  | S33 and (coat or coating or coated)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/27 09:01 |
| S35 | 1060  | S34 not cosmetic   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/27 09:01 |
| S36 | 29756 | (calender or calendered or calendering) and (paper or cellulose or cellulosic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/27 09:01 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S38 | 121  | S35 and S36                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/27 09:04 |
| S39 | 104  | S38 not blanket                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/27 09:04 |
| S40 | 3769 | titanium near3 oxide near3 mica            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/27 09:18 |
| S41 | 2113 | S40 and (paper or cellulose or cellulosic) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/27 09:19 |
| S42 | 434  | S41 and (iridescent or nacre or shiny)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/27 09:20 |
| S43 | 41   | S42 not cosmetic                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/27 09:31 |
| S44 | 4    | "2003059546"                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/27 09:31 |
| S45 | 2    | "20030059546"                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/27 09:32 |
| S46 | 2148 | S31 and paper                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/27 11:12 |
| S47 | 342  | S46 and mica                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/27 12:51 |
| S49 | 2    | ep near3 "1353009"                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/27 11:39 |
| S50 | 187  | S47 not cosmetic                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/27 13:00 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S51 | 7    | ("3835087" "5342649").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/27 13:00 |
| S52 | 13   | ("3835087").URPN.  | USPAT   | OR | ON | 2007/07/27 13:01 |
| S54 | 11   | "4477518"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/27 13:35 |
| S55 | 5378 | iridescent   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/27 15:39 |
| S56 | 27   | rhopaque\$5  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/27 15:39 |
| S57 | 353  | ropaque\$5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/27 15:39 |
| S58 | 76   | (S56 or S57) and (mica or S55)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/27 15:39 |
| S59 | 69   | S58 not cosmetic   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/27 15:39 |
| S60 | 13   | ("3087828"   "3087829"   "4537636"   "4956019"   "5022923"   "5266107").PN. OR ("5456749").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2007/07/30 11:13 |
| S61 | 25   | ("4038099"   "4040859"   "4086100"   "4134776"   "4192691"   "4344987"   "4494993"   "4552593"   "4565581"   "4623396").PN. OR ("5022923").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2007/07/30 11:34 |
| S62 | 1507 | titanium near3 oxide near3 (coat or coating or coated) near3 mica  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/30 12:49 |
| S63 | 356  | S62 and paper  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/30 12:49 |
| S64 | 151  | S63 not cosmetic   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/30 13:22 |
| S65 | 21   | S64 and hollow   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/30 13:39 |

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S66 | 5378 | iridescent                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/30 13:39 |
| S67 | 62   | (art near3 paper) and S66                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/30 13:40 |
| S68 | 19   | S67 and mica                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/30 13:47 |
| S69 | 3620 | transparency and (calendar or calendering)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/30 13:47 |
| S70 | 554  | transparency same (calendar or calendering) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/30 13:47 |
| S71 | 79   | S70 and mica                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/30 14:01 |
| S72 | 7723 | plastic near3 pigment                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/30 14:01 |
| S73 | 67   | S62 and S72                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/30 14:01 |
| S74 | 27   | rhopaque\$5                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/30 15:53 |
| S75 | 353  | ropaque\$5                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/30 15:53 |
| S76 | 53   | (S74 or S75) near3 HP near3 "1055"          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/30 16:15 |
| S77 | 34   | "4010307"                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/30 16:29 |

## EAST Search History

|     |     |                                     |   |    |    |                  |
|-----|-----|-------------------------------------|---|----|----|------------------|
| S78 | 346 | measurement same opacity same paper | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/30 16:29 |
|-----|-----|-------------------------------------|---|----|----|------------------|